

**Amendments to the Specification:**

Please replace the paragraph beginning at page 1, line 4 with the following amended paragraph:

This application is being filed concurrently with the following six commonly assigned patent applications: "Cartridge and Pump with Axial Loading" (~~also identified by Attorney Docket No. 9015.143US01 and Express Mail Certificate No. EV036305619US)~~ U.S. Application No. 10/086,646, "Child Safety Cap for Syringe Pump" (~~also identified by Attorney Docket No. 9015.145US01 and Express Mail Certificate No. EV036305636US)~~ U.S. Application No. 10/086,993, "Insulin Pump Having Missed Meal Bolus Alarm" (~~also identified by Attorney Docket No. 9015.146US01 and Express Mail Certificate No. EV036305596US)~~ U.S. Application No. 10/087,460, "Programmable Medical Infusion Pump Displaying a Banner" (~~also identified by Attorney Docket No. 9015.147US01 and Express Mail Certificate No. EV036305579US)~~ U.S. Application No. 10/087,205, "Programmable Insulin Pump" (~~also identified by Attorney Docket No. 9015.148US01 and Express Mail Certificate No. EV036305582US)~~ U.S. Application No. 10/086,641, and "Programmable Medical Infusion Pump" (~~also identified by Attorney Docket No. 9015.141US01 and Express Mail Certificate No. EV036305605US)~~ 10/087,449. The disclosures of these six patent applications are hereby incorporated herein by reference in their entirety.

Please replace the paragraph beginning at page 9, line 29 with the following amended paragraph:

The drive rod 88 does not rotate as it is axially moved. Preventing the drive rod from rotating as it is axially moved is important because if the drive rotates, it will not be axially moved by the rotation of the lead screw. The drive rod 88 is held in a fixed orientation by a clip 154 that interacts with the outer housing 14. The drive rod 88 includes a recessed portion 152 at the first end 92. The clip 154 attaches to the drive rod 88 at the recessed portion 152. The clip 154 prevents the drive rod 88 from rotating when the lead screw 136 is rotated. As best seen in FIG. 7, the clip 154 includes a U-shaped portion 158 that fits around the recessed portion 152 of the drive rod 88. The clip 154 also includes a downward extension 160 that rides on a rib 164. The rib 164 is a part of the pump housing 14 and extends along the length of the drive rod and lead screw from the drive rod gear 128 to the closed end 102 of the cartridge chamber 80. When

the lead screw 136 rotates, the threads ~~149-138~~ at the opening 144 at the first end 92 of the drive rod 88 ride along the threads 138 of the lead screw 136, causing the drive rod 88 to be axially moved.

Please replace the paragraph beginning at page 23, line 18 with the following amended paragraph:

Other embodiments can use a microcomputer, or any other type of programmable circuit, in place of the microprocessor. Further possible functions of the processor and other pump components are described and illustrated in the following four commonly assigned co-pending United States patent applications, which were previously incorporated by reference: "Insulin Pump Having Missed Meal Bolus Alarm" (~~also identified by Attorney Docket No. 9015.146US01 and Express Mail Certificate No. EV036305596US~~) U.S. Application No. 10/087,460, "Programmable Medical Infusion Pump Displaying a Banner" (~~also identified by Attorney Docket No. 9015.147US01 and Express Mail Certificate No. EV036305579US~~) U.S. Application No. 10/086,993, "Programmable Insulin Pump" (~~also identified by Attorney Docket No. 9015.148US01 and Express Mail Certificate No. EV036305582US~~) U.S. Application No. 10/086,641, and "Programmable Medical Infusion Pump" (~~also identified by Attorney Docket No. 9015.141US01 and Express Mail Certificate No. EV036305605US~~) U.S. Application No. 10/087,449.